

Claims 2, 3-6, 9-16, 18, 19 and 20 have been deleted. Claims 1, 7, 8 and 17 have been amended. Claims 21-23 have been added. Claims 1, 7-8, 17 and 21-23 remain in prosecution.

It is believed that the moieties recited in amended claims 1 and 17 and added claim 21 represent the agreed upon election of species set forth in the Examiner Interview Summary Record.

Enclosed herewith is a marked-up version of the changes made to the claims by the current amendment. The enclosed page is captioned **VERSION WITH MARKINGS TO SHOW CHANGES MADE**. Also enclosed herewith is an Information Disclosure Statement.

Examination on the merits is now respectfully requested.

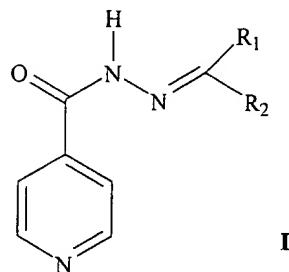
Respectfully submitted



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VERSION WITH MARKINGS TO SHOW CHANGES MADE

1. (Amended) An antimycobacterial compound [which comprises] of the formula:



wherein R₁ is H; and

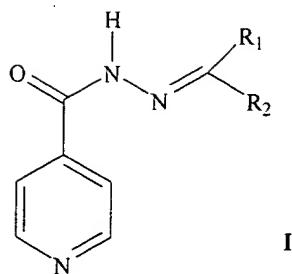
R₂ is [C₃ to C₁₄ alkyl, C₃ to C₁₀ substituted alkyl, C₂ to C₁₀ alkenyl, C₂ to C₉ substituted alkenyl, C₂ to C₉ substituted dialkenyl, C₃ to C₇ cycloalkyl, C₃ to C₇ substituted cycloalkyl, phenyl, substituted phenyl, C₇ to C₁₆ phenylalkyl, C₇ to C₁₆ substituted phenylalkyl, benzyl, substituted benzyl, naphthyl, substituted naphthyl, heterocycle, substituted heterocycle, halo, hydroxy, amino, or carboxy] phenyl substituted with 1 to 3 substituents selected from the group consisting of a halogen, a hydroxyl, a methoxy, a benzyloxy, a phenoxy, a trifluoromethyl, an isopropyl, and a thiomethyl group, naphthyls and substituted naphthyls

or a pharmaceutically acceptable salt thereof [or a pharmaceutically acceptable salt thereof; or a pharmaceutical isomer thereof; or a combination of the same].

7. (Amended) The antimycobacterial compound according to claim 21 where R₁,R₂ is (CH₂)₄, (CH₂)₆, 4-C₆H₈NNHCO-4-C₅H₄N.

In claim 8, please delete "1" after "claim" and insert therefor - - 21 - - .

17. (Amended) A method for producing an antimycobacterial compound [comprising] of the formula [of]:



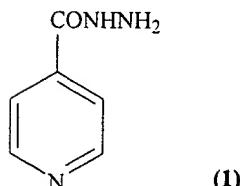
wherein R_1 is H [or CH_3]; and

wherein R_2 is [C₁ to C₁₄ alkyl, C₂ to C₁₀ substituted alkyl, C₂ to C₁₀ alkenyl, C₂ to C₉ substituted alkenyl, C₂ to C₉ substituted dialkenyl, C₃ to C₇ cycloalkyl, C₃ to C₇ substituted cycloalkyl, phenyl, substituted phenyl, C₇ to C₁₆ phenylalkyl, C₇ to C₁₆ substituted phenylalkyl, benzyl, substituted benzyl, naphthyl, substituted naphthyl, heterocycle, substituted heterocycle, halo, hydroxy, amino, or carboxy;] phenyl substituted with 1 to 3 substituents selected from the group consisting of a halogen, a hydroxyl, a methoxy, a benzyloxy, a phenoxy, a trifluoromethyl, an isopropyl, and a thiomethyl group, naphthyls and substituted naphthyls or

wherein R_1R_2 = [C₄ to C₈ cycloalkyl or C₄ to C₁₀ substituted cycloalkyl;] optionally substituted carbocyclic groups;

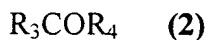
which comprises:

refluxing



with absolute ethanol to produce a solution;

adding a carbonyl compound comprising the formula of:



wherein $R_3 = H$ or CH_3 ; and

wherein $R_4 = C_1$ to C_{14} alkyl, C_2 to C_{10} substituted alkyl, C_2 to C_{10} alkenyl, C_2 to C_9 substituted alkenyl, C_2 to C_9 substituted dialkenyl, C_3 to C_7 cycloalkyl, C_3 to C_7 substituted cycloalkyl, phenyl, substituted phenyl, C_7 to C_{16} phenylalkyl, C_7 to C_{16} substituted phenylalkyl, benzyl, substituted benzyl, naphthyl, substituted naphthyl, heterocycle, substituted heterocycle, halo, hydroxy, amino, or carboxy; or

wherein $R_3R_4 = C_4$ to C_8 cycloalkyl or C_4 to C_{10} substituted cycloalkyl;

to the solution to produce a reaction mixture;

distilling the reaction mixture;

adding diethyl ether to the reaction mixture;

filtering the reaction mixture; and

drying the filtrate to produce **I**.